

**BfR**

Risiken erkennen – Gesundheit schützen

## MS/MS Parameters of Pesticides

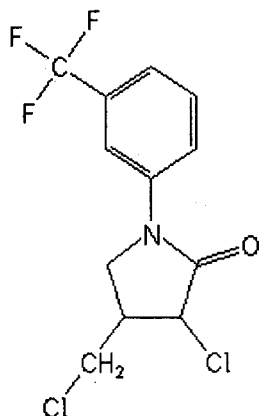
### Analyte: Flurochloridone

CAS No.: 61213-25-0

Formula: C<sub>12</sub>H<sub>10</sub>Cl<sub>2</sub>F<sub>3</sub>NO

Molecular mass (lowest isotopes): 311,00 amu

Structure:



Ionisation: ESI +

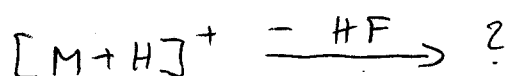
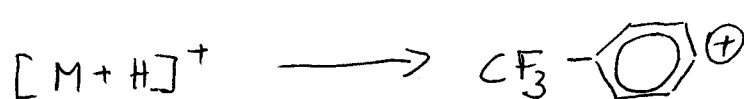
Quasimolecular ion: 312,0 amu = [M+H]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

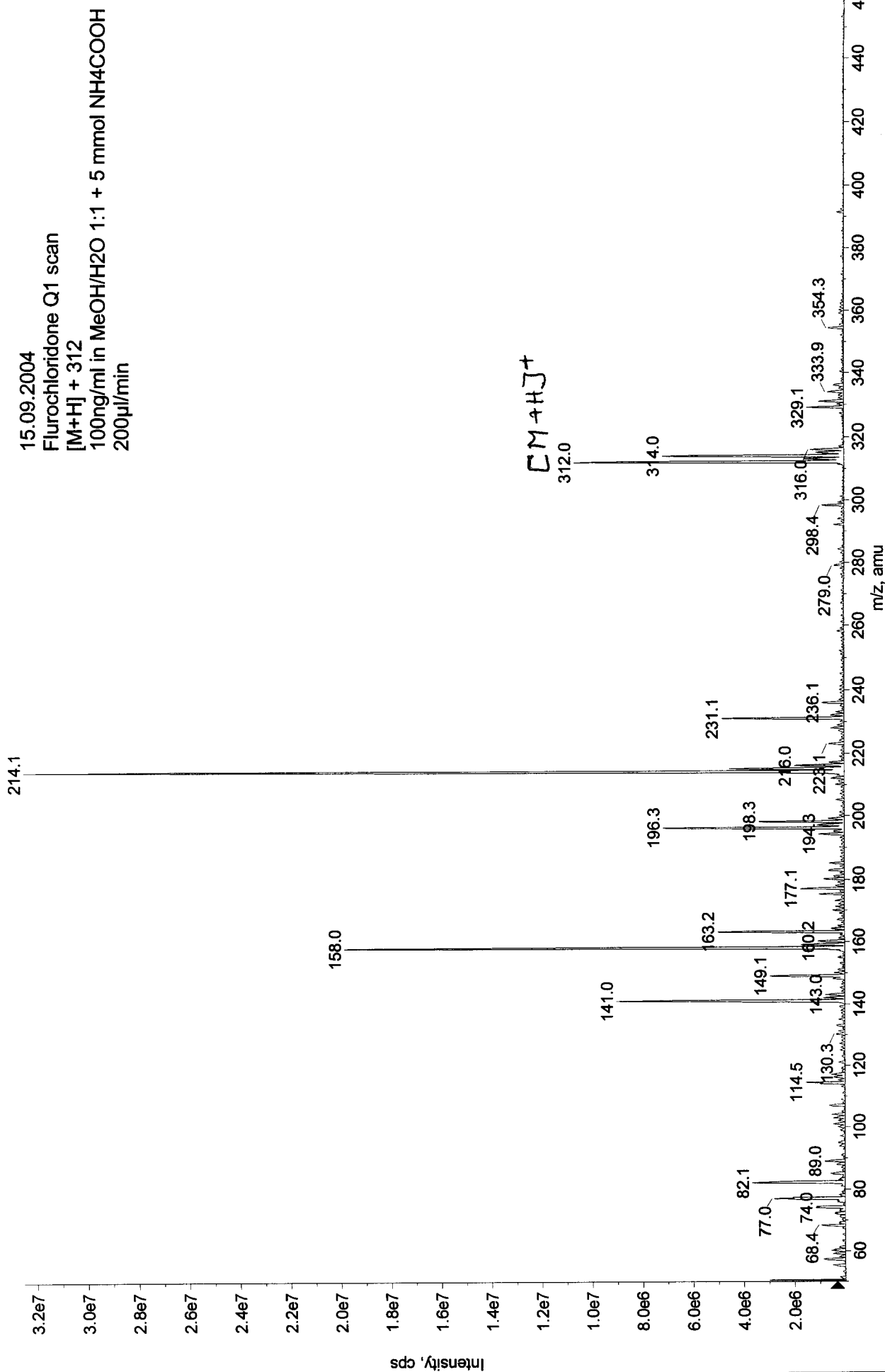
Transition	312,0 → 291,9	312,0 → 145,0
Declustering potential (DP) <sup>*)</sup>	56V	56 V
Focusing potential (FP)	360 V	370 V
Entrance potential (EP)	12,0 V	12,0 V
Collision cell entrance potential (CEP)	20 V	20 V
Collision energy (CE)	29 V	63 V
Collision cell exit potential (CXP)	16 V	8 V

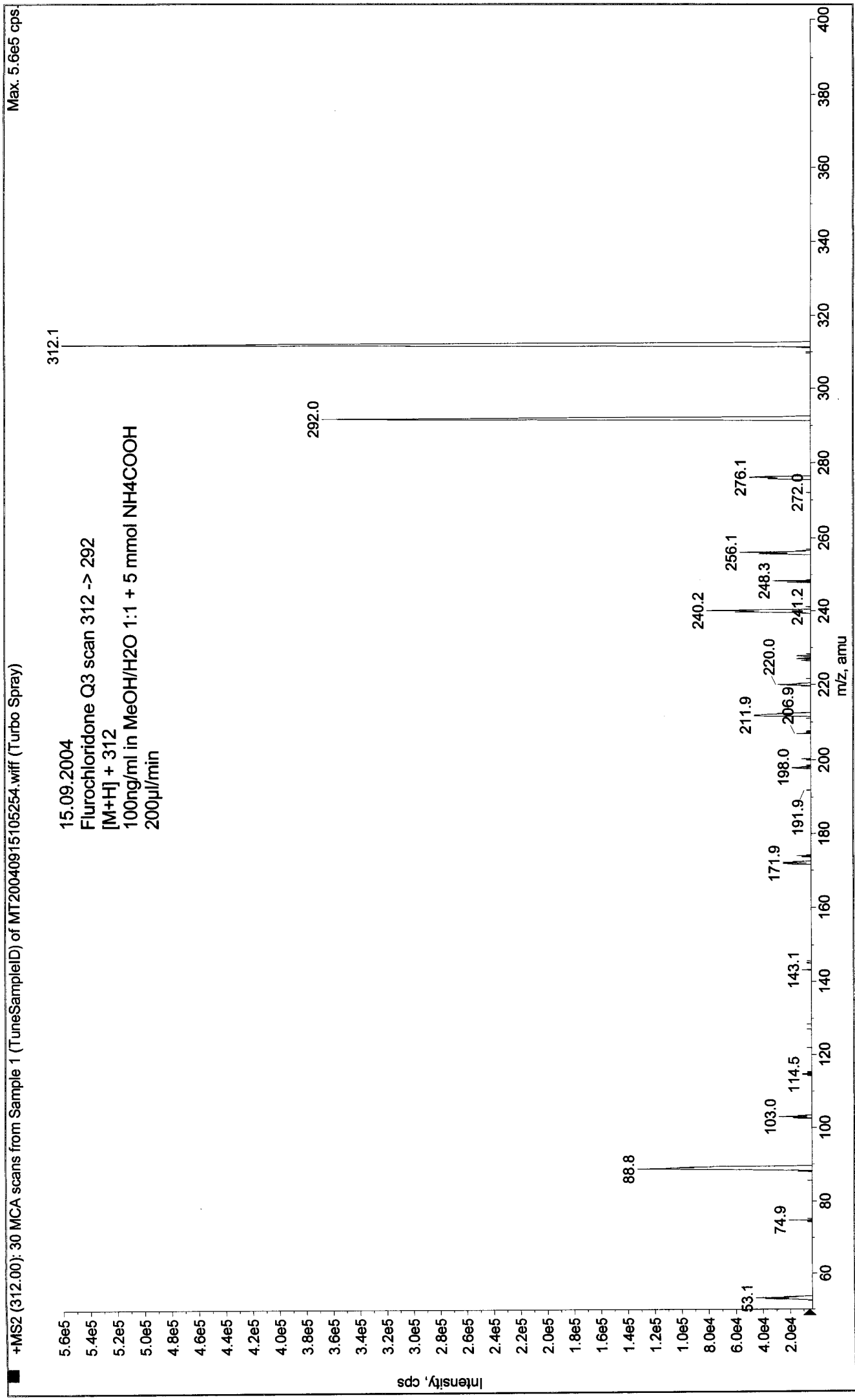
<sup>\*)</sup> For API 3000 and 4000 enhance DP by 20V

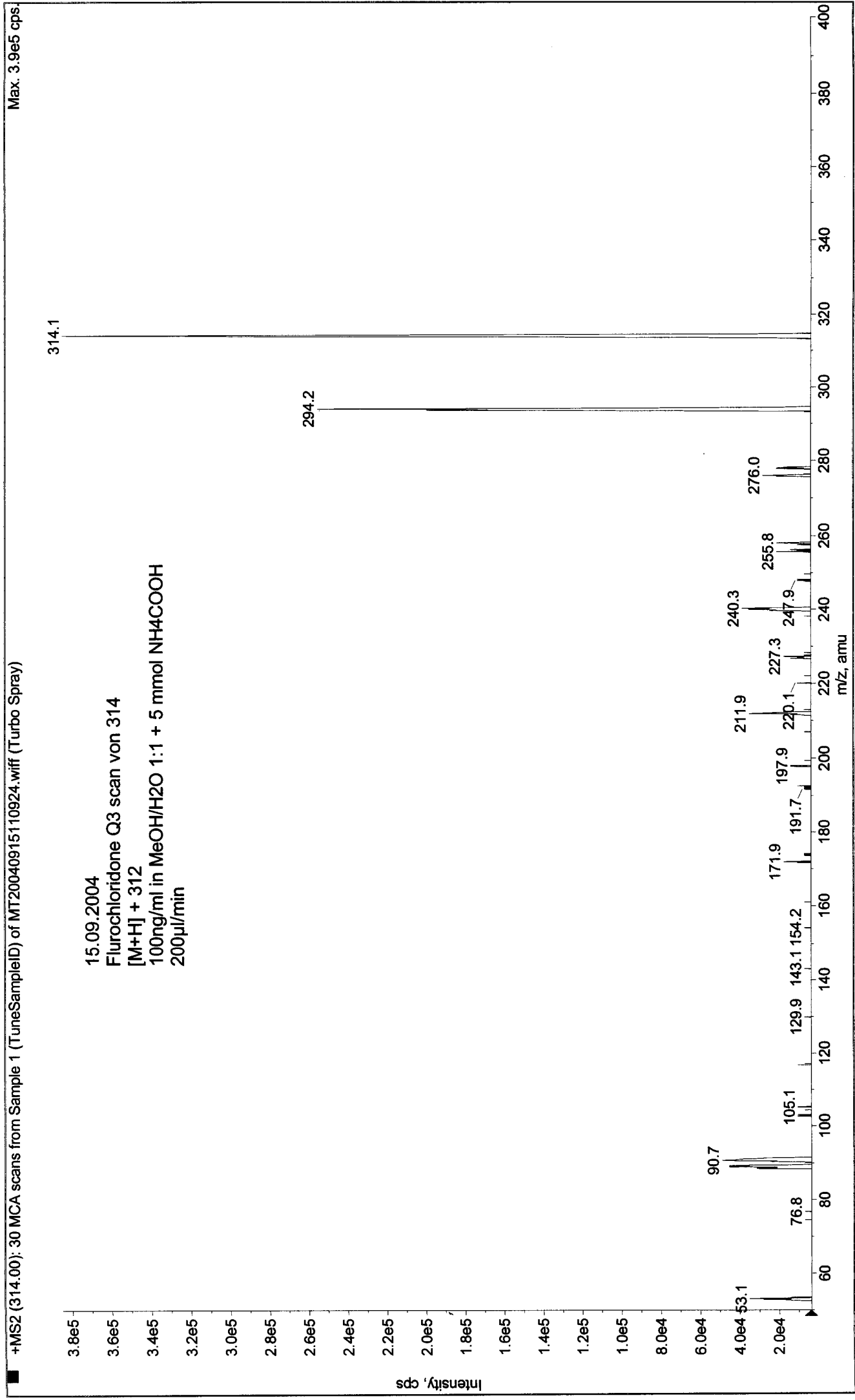
### Fragmentation

 $m/z$  292 1294 $m/z$  145

+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040915105024.wiff (Turbo Spray) Max. 3.3e7 cps







Max. 3.5e5 cps

+MS2 (312.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040915110123.wiff (Turbo Spray)

